

Since the release of MAXI MANAGER A.3.1, three 'bugs' have materialized. One is in the INITIAL/MMS program and effects Model 1 users only, one is in the MMS main program, and one is in the PRINT/MMS program. The errors caused by these 'bugs' are described as follows:

INITIAL/MMS (Model 1 only):

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The DOS configuration line 222 contained Model 3 parameters for DOSPLUS causing MAXI MANAGER to assume it had more disk storage available than actually existed. Typical results were sudden and unexplained duplication of records, erroneous error messages such as 260-2, etc.

MMS:

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The BREAK key was not disabled causing the program to crash into BASIC when depressed as required by certain MMS command options.

PRINT/MMS:

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During the printing of subtotals, ever so often, the program would begin printing garbage (unintelligible data). The print program eventually would correct itself. The PATCH that follows corrects the problem but now causes a BASIC STRING collection routine to take place after the printing of every subtotal. We have already begun work on the A.4 version and have resolved this BASIC STRING collection problem totally in the assembly language module.

Since we goofed and are now asking you to install a few simple BASIC ZAPS to the MAXI MANAGER, we felt we had better offer you a new feature or two to ease some of the pain and frustration these few 'bugs' may have caused some of you. As a result, three new hidden (and heretofore undocumented) features of MAXI MANAGER are listed.

Before we begin actually listing the ZAPS, I make the following offer. For a fee of \$5.00 and the return of your original disks, I will provide you with BACKUP copies of MMS A.3.3 (the version changed to indicate that the ZAPS have been applied) with all ZAPS installed. I should also add that we now ship a SCRIPSIT patch program for the Model 3 to allow the use of SCRIPSIT (Model 3 version) on the TDOS (DOSPLUS) disk.

Last but not least, we now support (with the A.3.3 version), NEWDOS/80 Version 2 for both the Model 1 and the Model 3. We also now support LDOS 5.1 for the Model 3. Model 1 users desiring to use LDOS must have 40 track (or greater) drives and must have the A.3.3 version. The LDOS configuration instructions listed in the manual are in error. For all Model 1 owners, the NEWDOS/80 minimum systems listed in the manual are for Version 1 only; Version 2 requires all SYSTEM files between SYS0/SYS and SYS20/SYS except SYS5/SYS, SYS11/SYS, and SYS12/SYS.

Model 3 users should follow instructions one (1) thru three (3) listed on page 1-4 of the User's Manual to gain access to TDOS. Model 1 users should gain access to DOS in a similar manner. DO NOT put a write-protect tab on the disk. If one is on the disk, remove it before beginning this patching sequence.

TYPE THE FOLLOWING COMMANDS EXACTLY AS GIVEN. IN SOME CASES, NOTHING WILL APPEAR ON THE SCREEN AS YOU TYPE. AT OTHER TIMES, WHOLE LINES OF TEXT WILL BE DISPLAYED. As long as you FOLLOW THESE INSTRUCTIONS TO THE LETTER, you need NOT be concerned with screen activity.

The command <<<ENTER>>> as used throughout the remainder of this patch, means depress the ENTER key on the keyboard.

DETERMINE IF PATCH 1 NEEDS TO BE APPLIED:

-----  
VERIFY <<<ENTER>>>

BASIC <<<ENTER>>>      NOTE: If using DOSPLUS or a Model III type  
                                 TBASIC <<<ENTER>>> instead.

LOAD"PRINT/MMS <<<ENTER>>>

LIST1 <<<ENTER>>>

If the line displayed DOES NOT read as follows, PATCH 1 must be applied:

```
1 'Copyright (C) 1980, 1981 by EXADOR, INC.  
  PRINT Version F.7/III
```

APPLYING PATCH 1:

-----  
EDIT1 <<<ENTER>>>

2S.2C.7 <<<ENTER>>>

```
4 R4=1:SN$=STRING$(20,"0"):SF$=SN$:DEFFNS(X)=CVI(MID$(BB$,X,2)):  
  BB$=STRING$(50,32):ONERRORGOTO66:GOSUB59:  
  IFFC=8THEN79ELSEFORZZ=FDTOND:GOSUB85:NEXTZZ <<<ENTER>>>
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```
10 GOSUB58:R2=CVI(PR$(TT-MK+1)):NAMEFILE(FD,ND,R2,AR(0),NE(2),  
  NF$(1),TO,MR):IFINT(R4/66)=R4/66THENGOSUB58 <<<ENTER>>>
```

```
26 IFVAL(FNMK$(DR$(J2),1))<>K1#(PB,1)THEN13ELSERETURN <<<ENTER>>>
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```
57 IFBP$(0)<>DR$(BP(0))ANDT>1ANDBP(0)<>0THENGOSUB87:FORI=1TOD2:  
  ST#(I)=0#:NEXT:BP$(0)=DR$(BP(0)):PF=1:RETURNELSERETURN  
  <<<ENTER>>>
```

```
58 IFPF=0THENRETURNELSEPF=0:R4=1:S=FRE(S$):GOTO96 <<<ENTER>>>
```

```
77 FORI=1TOD2:ST#(I)=0#:GT#(I)=0#:NEXT:GOTO58 <<<ENTER>>>
```

SAVE"PRINT/MMS <<<ENTER>>>

DETERMINE IF PATCH 2 NEEDS TO BE APPLIED:

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VERIFY <<<ENTER>>>

BASIC <<<ENTER>>>      NOTE: If using DOSPLUS or a Model III type  
                                 TBASIC <<<ENTER>>> instead.

LOAD"MMS <<<ENTER>>>

LIST1 <<<ENTER>>>

If the line displayed DOES NOT read as follows, PATCH 2 must be applied:

1 'Copyright (C) 1980, 1981 by EXADOR, INC.  
    MMS Version J.2/III

APPLYING PATCH 2:

-----  
EDIT1 <<<ENTER>>>

2S.2C.2 <<<ENTER>>>

11 IN\$=STRING\$(ABS(FL),32):NAMENKEY(IN\$,FL):  
    NAMEBREAK(FL):RETURN <<<ENTER>>>

SAVE"MMS <<<ENTER>>>

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APPLYING PATCH 3:

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Most, if not all, Model 1 versions of MAXI MANAGER A.3.1 were distributed with the improper values in line 222 of the INITIAL/MMS program which is a BASIC program residing on the PROGRAM (A) DISK. Please correct the values contained on that line to correspond with the following values if you are using TRSDOS 2.3:

222 DATA 57,1280,256,67,1280,256,67,1280,256,67,1280,256

Page B-3 of the User's Manual (Appendix B) provides information relevant to this line of the INITIAL/MMS program. In general, if you decide to use ANY disk operating system other than TRSDOS 2.3, line 222 of the INITIAL/MMS program should be altered. Be aware that the ERRATA SHEET (Yellow Paper) contained a correction for the Model 3 values of line 222. Just to be safe, I'll list the Model 3 values again here:

222 DATA 92,1536,256,116,1536,256,116,1536,256,116,1536,256

To date, EVERY DOS that we have encountered for use on the TRS-80 uses a Z(n) value of 256 (bytes/sector). DOSPLUS allocates 6 sectors/granule requiring Y(n) values to be set to 1536 (6\*256 bytes/granule). TRSDOS 1.3 (which we still do not support) allocates 3 sectors/granule requiring Y(n) values to be set to 768 (3\*256 bytes/granule). All other DOS's allocate 5 sectors/granule requiring Y(n) values to be set to 1280 (5\*256 bytes/granule). The values to be used for X(n) must be determined by the FREE command entered from DOS level. In all cases, a total of twelve values must appear in the line. MAXI MANAGER will use only the information required based upon your responses to the various Initialization Function prompts.

One last note in this regard. Before initializing any DATA Disks, be sure to start with freshly FORMATTED disks. MAXI MANAGER's results will be totally unpredictable if any of the following files reside on a disk about to be initialized:

MASTER/MMS  
RECORDS/MMS  
POINTER1/MMS  
POINTER2/MMS  
POINTER3/MMS  
POINTER4/MMS  
POINTER5/MMS

The next release of MAXI MANAGER will check to be sure that these files are not resident on disks about to be initialized.

## NEW FEATURES:

### EDIT RECORD DIRECTLY FROM LIGHTNING SEARCH -

Once a record has been located via the LIGHTNING SEARCH (refer to page 8-4), you may branch directly to the Edit Function by typing the invisible command E <<<ENTER>>>. (Note that this option is NOT displayed on the screen!) The last two lines of the screen will be replaced by the EDIT prompts listed at the top of page 9-2. Options available to you at this point are also described in detail on page 9-2. When finished editing the record, you will NOT be returned to the LIGHTNING SEARCH mode but will instead remain in the Edit Function as described in Chapter 9.

### PRINT RELATIVE & ACTUAL DISK RECORD NUMBERS -

Relative and Actual Disk Record Numbers may now be printed by the Print File Function of MAXI MANAGER. Before going on any further, an explanation of the TWO types of record numbers is in order.

A RELATIVE Record Number is the same number as the Record Number displayed on the screen when viewed via Abbreviated or Full Screen Displays. Relative Record Numbers may (and usually do) change every time a new SORT is performed. Chapter 6 of the User's Manual may help provide a better understanding of the role and function of Relative Record Numbers. For example, when viewing INDEX 1 at the top of page 6-3, Relative Record Numbers are as follows:

Relative Record Number	:	-----	:
	:	== INDEX 1 ==	:
	:	(Dish:)	:
1 ----->	:	CAKE.....2	:
2 ----->	:	MACARONI.....3	:
3 ----->	:	PIE.....1	:
	:	-----	:

An ACTUAL Disk Record Number corresponds to the actual storage location on the DATA Disks. Actual Disk Record Numbers never change. Each Key File actually points, via relative addressing, to the Actual Disk Record Number of a piece of stored data. Using the same example as before, Actual Disk Record Numbers for INDEX 1 are as follows:

Actual Disk Record Number	:	-----	:
	:	== INDEX 1 ==	:
	:	(Dish:)	:
2 ----->	:	CAKE.....2	:
3 ----->	:	MACARONI.....3	:
1 ----->	:	PIE.....1	:
	:	-----	:

As you can see, a MAXI MANAGER record is addressed by two or more different record numbers.

To PRINT a Relative Record Number, you must insert the field label MMSR# into your Document File in the same manner as any other field label for example:

(\*MMSR#\*)

To PRINT an Actual Disk Record Number, you must insert the field label MMSD# into your Document File in the same manner as any other field label for example:

(\*MMSD#\*)

At the present time, MMSR# and MMSD# can be entered into Document Files via a word processing program or via the Text Input Mode of DOCUFILE. We will expand DOCUFILE on the next release (A.4) to include these two new field labels. In the mean time, use of MMSR# and MMSD# will be limited to those persons utilizing word processor programs such as SCRIPSIT and LAZY WRITER or to those who are familiar enough with the use of the Text Input mode of DOCUFILE. Any serious suggestions for improving the DOCUFILE program are welcome. DO NOT ask us to enable you to correct erroneous Document Files as that is beyond the scope of this program. There are many word processors available for that use. What we are looking for are written examples of how you would like to see this arm of MAXI MANAGER operate.

A powerful new (and heretofore undocumented) feature of MAXI MANAGER A.3.1 is about to be unveiled. Assuming that you have successfully printed a report, label, or text file containing Actual Disk Record Numbers, you now have a nonchanging link back to that record for use in editing or displaying (via a do-nothing EDIT). When you wish to access the record via its Actual Disk Record Number (MMSD#), you must first enter the Edit Function. When asked to:

ENTER Record (1-?????): .....

Type D <<<ENTER>>>. The prompt will change to display:

ENTER Disk Record Number: .....

At this time you should type in the Actual Disk Record Number of the record desired. If the record is spare, the screen will revert back to the standard Edit Function Menu as list on page 9-1 of the User's Manual. In time, you will probably always print the MMSD# value along with the data contained within the record. The A.4 version will display both record numbers simultaneously during Full Screen displays.

We are very close to completion on the first of our new UTILITY PROGRAM packages. Watch your mail for details.